



The groundwater analytical results were compared to their respective US EPA Region III RBCs for tapwater dated December 2009, USEPA Safe Drinking Water Maximum Contaminant Levels (MCL), and the USEPA National Secondary Drinking Water Regulations. The results are summarized in **Attachment 2** along with the analytical laboratory report in **Attachment 3**.

In summary, concentrations of TCE were detected above the USEPA RBCs, but below the USEPA Safe Drinking Water MCL. Concentrations of dissolved phase lead and manganese were detected above their method detection limits in each of the samples; however, the concentrations were detected below their USEPA RBCs. Concentrations of dissolved phase lead were detected below the USEPA Safe Drinking Water MCL; however, concentrations of dissolved phase manganese were detected above the Secondary MCL. USEPA National Secondary Drinking Water Regulations are non-enforceable guidelines that only regulate contaminants that may cause cosmetic effects or aesthetic effects to the drinking water. According to the USEPA, noticeable effects above the Secondary MCL of manganese are black to brown color, black staining of teeth, and/or a bitter metallic taste. No evidence of staining or black to brown colored groundwater was observed during the site assessment.

Based on the analytical results, TRIAD concludes that groundwater contamination still exists at the Site. MW-6D appears to be located in or near the source of the TCE plume which is migrating west towards the Ohio River. Therefore, TRIAD recommends the following;

- Groundwater monitoring continue for TCE in MW-6D.

We appreciate the opportunity to assist you on this project. If you have any further questions or desire additional information concerning this project or our recommendations, please feel free to contact us.

Sincerely,

TRIAD ENGINEERING, Inc.



Julie Szymanek  
Environmental Scientist



Lydia M. Work  
Branch Manager, L.R.S., Senior Chemist

Attachments



Legend:  
 MW had detected concentrations of 1,2-Dichloroethane.  
 MW had detected concentrations of TCE.



Figure 1, Sample Location Map  
Deltech Resins Company  
Source: WVGIS aerial photograph 2007

# AQUEOUS - GROUNDWATER

	SAMPLE LOG SHEET	
	Deltech	
SAMPLE IDENTIFICATION:	MW-6D.1	
DATE:	5-5-2010	TIME: 830pm
SAMPLE MEDIA:	Aqueous	TYPE: GRAB
ANALYSIS REQUESTED:	Dissolved Metals	VOCs
Number of Containers:	1	25
Type of Containers:	1L Plastic	40-ml VOA vial
Sample Preservation	HNO3	HCL and Ice
SAMPLE DESCRIPTION:	silty	
FIELD MEASUREMENTS:		
	LATITUDE	LONGITUDE
SAMPLE LOCATION:	40° 34' 24.96"N 80° 38' 58.72"W	
DEPTH TO BOTTOM	56'	
DEPTH TO WATER	52.9'	
PURGE VOLUME	no purging; purged after sampling ~ 1/2 gallons + 10 dy.	
SAMPLER INITIALS:	JAS	

# AQUEOUS - GROUNDWATER

	SAMPLE LOG SHEET	
	Deltech	
SAMPLE IDENTIFICATION:	MW-6D.2	
DATE:	5-6-2010	TIME: 1000 <sup>GAS</sup> AM
SAMPLE MEDIA:	Aqueous	TYPE: GRAB
ANALYSIS REQUESTED:	Dissolved Metals	VOCs
Number of Containers:	± 2	± 5
Type of Containers:	1L Plastic	40-ml VOA vial
Sample Preservation	HNO3	HCL and Ice
SAMPLE DESCRIPTION:		
FIELD MEASUREMENTS:		
SAMPLE LOCATION:	LATITUDE	LONGITUDE
DEPTH TO BOTTOM	56'	
DEPTH TO WATER	52.9'	
PURGE VOLUME	purged ~1/2 gallon til dry	
SAMPLER INITIALS:	JAS	



**Table 1. Occurrence, Distribution and Selection of COC's  
MW-6D  
Deltech Custom Facility  
New Cumberland, Hancock County, West Virginia**

COPC	Concentration (ug/L)			Action Level Concentration (ug/L)	COC ?
	MDL	MW-6D.1	MW-6D.2		
<b>Dissolved-Phase Metals</b>					
Aluminum	100	ND	ND	37000 <sup>1</sup>	NO
Arsenic	10	ND	ND	0.045 <sup>1</sup>	NO
Iron	50	ND	ND	26000 <sup>1</sup>	NO
Manganese	15	120	76.7	880 <sup>1</sup>	NO
Lead	5	7	7.2	15 <sup>2</sup>	NO
Thallium	2	ND	ND	2 <sup>2</sup>	NO
Vanadium	20	ND	ND	180 <sup>1</sup>	NO

**NOTES:**

ND Not detected at a concentration greater than the MDL.

MDL Method Detection Limit

<sup>1</sup> USEPA Region III, Tap Water RBCs, December 2009.

**Table 2. Occurrence, Distribution and Selection of COC's**  
**MW-6D**  
**Deltech Custom Facility**  
**New Cumberland, Hancock County, West Virginia**

COPC	MDL	Concentration (ug/L)		Action Level Concentration (ug/L)	COC ?
		MW-6D.1	MW-6D.2		
<b>Volatile Organic Compounds</b>					
Acetone	50	ND	ND		NO
Acetonitrile	20	ND	ND		NO
Acrolein	20	ND	ND		NO
Acrylonitrile	20	ND	ND		NO
Allyl chloride	0.5	ND	ND		NO
Benzene	0.5	ND	ND		NO
Bromodichloromethane	0.5	ND	ND		NO
Bromoform	0.5	ND	ND		NO
2-Butanone	50	ND	ND		NO
Carbon disulfide	0.5	0.41	ND		NO
Carbon tetrachloride	0.5	ND	ND		NO
Chlorobenzene	0.5	ND	ND		NO
Chloroethane	0.5	ND	ND		NO
Chloroform	0.5	ND	ND		NO
Chloromethane	0.5	ND	ND		NO
Chloroprene	10	ND	ND		NO
3-chloropropene	5	ND	ND		NO
1,2-Dibromo-3-chloropropane	5	ND	ND		NO
1,2-Dibromoethane	0.5	ND	ND		NO
Dibromomethane	0.5	ND	ND		NO
trans-1,4-Dichloro-2-butene	5	ND	ND		NO
Dichlorodifluoromethane	0.5	ND	ND		NO
1,1-dichloroethane	0.5	ND	ND		NO
1,2-Dichloroethane	0.5	ND	ND		NO
1,1-dichloroethene	0.5	ND	ND		NO
trans-1,2-Dichloroethene	0.5	ND	ND		NO
1,2-Dichloropropane	0.5	ND	ND		NO
cis-1,3-Dichloropropene	0.5	ND	ND		NO
trans-1,3-Dichloropropene	0.5	ND	ND		NO
1,4-Dioxane	200	ND	ND		NO
Ethylbenzene	1	ND	ND		NO
Ethyl methacrylate	10	ND	ND		NO
2-Hexanone	10	ND	ND		NO
Iodomethane	10	ND	ND		NO
Isobutanol	25	ND	ND		NO
Methacrylonitrile	20	ND	ND		NO
Methylene chloride	5	ND	ND		NO
Methyl methacrylate	1	ND	ND		NO
4-Methyl-2-pentanone (MIBK)	10	ND	ND		NO
Propionitrile	10	ND	ND		NO
Styrene	0.5	ND	ND		NO
1,1,1,2-Tetrachloroethane	0.5	ND	ND		NO
1,1,2,2-Tetrachloroethane	0.5	ND	ND		NO
Tetrachloroethene	0.5	ND	ND		NO
Toluene	0.5	ND	ND		NO
1,1,1-Trichloroethane	0.5	ND	ND		NO
1,1,2-Trichloroethane	0.5	ND	ND		NO
Trichloroethene	0.5	<b>3.51</b>	<b>3.38</b>	2 <sup>1</sup>	<b>YES</b>
Trichlorofluoromethane	0.5	ND	ND		NO
1,2,3-Trichloropropane	0.5	ND	ND		NO
Vinyl acetate	10	ND	ND		NO
Vinyl chloride	0.5	ND	ND		NO
Xylenes, Total	0.5	ND	ND		NO

**NOTES:**

ND Not detected at a concentration greater than the MDL.

NA Not Applicable or available.

MDL Method Detection Limit

<sup>1</sup> USEPA Region 3 Tapwater Risk Based Concentrations, December 2009.

**Table 3. Parameters Compared to MCL's.  
Deltech Custom Facility  
New Cumberland, Hancock County, West Virginia**

COPC	Concentration (ug/L)			MCL (ug/L)
	MDL	MW-6D.1	MW-6D.2	
<b>Volatile Organic Compounds</b>				
Lead	5	7	7.2	15 <sup>1</sup>
Manganese	15	<b>120</b>	<b>76.7</b>	50 <sup>2</sup>
Trichloroethene	0.5	3.51	3.38	5 <sup>1</sup>

**NOTES:**

ND Not detected at a concentration greater than the MDL.

MDL Method Detection Limit

<sup>1</sup> USEPA Safe Drinking Water Maximum Contaminant Level (MCL) -  
The highest level of a contaminant that is allowed in drinking water.  
EPA 816-F-09-0004, May 2009.

<sup>2</sup> USEPA National Secondary Drinking Water Regulations are non-enforceable guidelines regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color). Noticeable effects above the Secondary MCL of Manganese are black to brown color; black staining; bitter metallic taste. EPA 810/K-92-001, July 1992.

Concentrations above the MCL.



May 19, 2010 1:23:10PM

Client: Triad Engineering, Inc. (3767)  
219 Hartman Run Rd  
Morgantown, WV 26505  
Attn: Julie Szymanek

Work Order: NTE0596  
Project Name: Delltech  
Project Nbr: [none]  
P/O Nbr:  
Date Received: 05/07/10

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW6D.1	NTE0596-01	05/05/10 08:30
MW6D.2	NTE0596-02	05/06/10 10:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Maryland Certification Number: 316

The Chain(s) of Custody, 5 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Ryan Fitzwater

Project Manager

Client Triad Engineering, Inc. (3767)  
 219 Hartman Run Rd  
 Morgantown, WV 26505  
 Attn Julie Szymanek

Work Order: NTE0596  
 Project Name: Delltech  
 Project Number: [none]  
 Received: 05/07/10 11:15

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTE0596-01 (MW6D.1 - Ground Water) Sampled: 05/05/10 08:30</b>								
Dissolved Metals by EPA Method 6010B								
Aluminum	ND		mg/L	0.100	1	05/12/10 22:01	SW846 6010B	10E1405
Arsenic	ND		mg/L	0.0100	1	05/12/10 22:01	SW846 6010B	10E1405
Iron	ND		mg/L	0.0500	1	05/12/10 22:01	SW846 6010B	10E1405
Lead	<b>0.00700</b>		mg/L	0.00500	1	05/12/10 22:01	SW846 6010B	10E1405
Manganese	<b>0.120</b>		mg/L	0.0150	1	05/12/10 22:01	SW846 6010B	10E1405
Vanadium	ND		mg/L	0.0200	1	05/12/10 22:01	SW846 6010B	10E1405
Dissolved Metals by Method 6020								
Thallium	ND		ug/L	2.00	1	05/18/10 19:16	SW846 6020	10E1528
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/11/10 19:21	SW846 8260B	10E1293
Acetonitrile	ND		ug/L	20.0	1	05/11/10 19:21	SW846 8260B	10E1293
Acrolein	ND	L	ug/L	50.0	1	05/11/10 19:21	SW846 8260B	10E1293
Acrylonitrile	ND		ug/L	10.0	1	05/11/10 19:21	SW846 8260B	10E1293
Benzene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Bromodichloromethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Bromoform	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Bromomethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
2-Butanone	ND		ug/L	50.0	1	05/11/10 19:21	SW846 8260B	10E1293
Carbon disulfide	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Carbon Tetrachloride	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Chlorobenzene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Chlorodibromomethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Chloroethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Chloroform	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Chloromethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Chloroprene	ND		ug/L	5.00	1	05/11/10 19:21	SW846 8260B	10E1293
3-Chloropropene	ND		ug/L	10.0	1	05/11/10 19:21	SW846 8260B	10E1293
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/11/10 19:21	SW846 8260B	10E1293
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Dibromomethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
trans-1,4-Dichloro-2-butene	ND		ug/L	5.00	1	05/11/10 19:21	SW846 8260B	10E1293
1,2-Dichlorobenzene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,3-Dichlorobenzene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,4-Dichlorobenzene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Dichlorodifluoromethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,2-Dichloroethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,1-Dichloroethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
cis-1,2-Dichloroethene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
trans-1,2-Dichloroethene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,1-Dichloroethene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,2-Dichloropropane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
trans-1,3-Dichloropropene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293

Client Triad Engineering, Inc. (3767)  
 219 Hartman Run Rd  
 Morgantown, WV 26505  
 Attn Julie Szymanek

Work Order: NTE0596  
 Project Name: Delltech  
 Project Number: [none]  
 Received: 05/07/10 11:15

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTE0596-01 (MW6D.1 - Ground Water) - cont. Sampled: 05/05/10 08:30</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
cis-1,3-Dichloropropene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,4-Dioxane	ND		ug/L	200	1	05/11/10 19:21	SW846 8260B	10E1293
Ethylbenzene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Ethyl Methacrylate	ND		ug/L	10.0	1	05/11/10 19:21	SW846 8260B	10E1293
Hexachlorobutadiene	ND		ug/L	1.00	1	05/11/10 19:21	SW846 8260B	10E1293
2-Hexanone	ND		ug/L	10.0	1	05/11/10 19:21	SW846 8260B	10E1293
Iodomethane	ND		ug/L	10.0	1	05/11/10 19:21	SW846 8260B	10E1293
Isobutanol	ND		ug/L	25.0	1	05/11/10 19:21	SW846 8260B	10E1293
Methacrylonitrile	ND		ug/L	20.0	1	05/11/10 19:21	SW846 8260B	10E1293
Methylene Chloride	ND		ug/L	5.00	1	05/11/10 19:21	SW846 8260B	10E1293
Methyl Methacrylate	ND		ug/L	1.00	1	05/11/10 19:21	SW846 8260B	10E1293
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/11/10 19:21	SW846 8260B	10E1293
Propionitrile	ND		ug/L	10.0	1	05/11/10 19:21	SW846 8260B	10E1293
Styrene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Tetrachloroethene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Toluene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,1,1-Trichloroethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,1,2-Trichloroethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Trichloroethene	<b>3.51</b>		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Trichlorofluoromethane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
1,2,3-Trichloropropane	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Vinyl acetate	ND		ug/L	10.0	1	05/11/10 19:21	SW846 8260B	10E1293
Vinyl chloride	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Xylenes, total	ND		ug/L	0.500	1	05/11/10 19:21	SW846 8260B	10E1293
Surr: 1,2-Dichloroethane-d4 (63-140%)	116 %					05/11/10 19:21	SW846 8260B	10E1293
Surr: Dibromofluoromethane (73-131%)	105 %					05/11/10 19:21	SW846 8260B	10E1293
Surr: Toluene-d8 (80-120%)	95 %					05/11/10 19:21	SW846 8260B	10E1293
Surr: 4-Bromofluorobenzene (79-125%)	94 %					05/11/10 19:21	SW846 8260B	10E1293

Client Triad Engineering, Inc. (3767)  
 219 Hartman Run Rd  
 Morgantown, WV 26505  
 Attn Julie Szymanek

Work Order: NTE0596  
 Project Name: Delltech  
 Project Number: [none]  
 Received: 05/07/10 11:15

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTE0596-02 (MW6D.2 - Ground Water) Sampled: 05/06/10 10:00</b>								
Dissolved Metals by EPA Method 6010B								
Aluminum	ND		mg/L	0.100	1	05/12/10 22:04	SW846 6010B	10E1405
Arsenic	ND		mg/L	0.0100	1	05/12/10 22:04	SW846 6010B	10E1405
Iron	ND		mg/L	0.0500	1	05/12/10 22:04	SW846 6010B	10E1405
Lead	<b>0.00720</b>		mg/L	0.00500	1	05/12/10 22:04	SW846 6010B	10E1405
Manganese	<b>0.0767</b>		mg/L	0.0150	1	05/12/10 22:04	SW846 6010B	10E1405
Vanadium	ND		mg/L	0.0200	1	05/12/10 22:04	SW846 6010B	10E1405
Dissolved Metals by Method 6020								
Thallium	ND		ug/L	2.00	1	05/18/10 19:27	SW846 6020	10E1528
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/11/10 19:56	SW846 8260B	10E1293
Acetonitrile	ND		ug/L	20.0	1	05/11/10 19:56	SW846 8260B	10E1293
Acrolein	ND	L	ug/L	50.0	1	05/11/10 19:56	SW846 8260B	10E1293
Acrylonitrile	ND		ug/L	10.0	1	05/11/10 19:56	SW846 8260B	10E1293
Benzene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Bromodichloromethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Bromoform	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Bromomethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
2-Butanone	ND		ug/L	50.0	1	05/11/10 19:56	SW846 8260B	10E1293
Carbon disulfide	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Carbon Tetrachloride	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Chlorobenzene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Chlorodibromomethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Chloroethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Chloroform	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Chloromethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Chloroprene	ND		ug/L	5.00	1	05/11/10 19:56	SW846 8260B	10E1293
3-Chloropropene	ND		ug/L	10.0	1	05/11/10 19:56	SW846 8260B	10E1293
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/11/10 19:56	SW846 8260B	10E1293
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Dibromomethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
trans-1,4-Dichloro-2-butene	ND		ug/L	5.00	1	05/11/10 19:56	SW846 8260B	10E1293
1,2-Dichlorobenzene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,3-Dichlorobenzene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,4-Dichlorobenzene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Dichlorodifluoromethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,2-Dichloroethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,1-Dichloroethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
cis-1,2-Dichloroethene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
trans-1,2-Dichloroethene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,1-Dichloroethene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,2-Dichloropropane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
trans-1,3-Dichloropropene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293

Client Triad Engineering, Inc. (3767)  
 219 Hartman Run Rd  
 Morgantown, WV 26505  
 Attn Julie Szymanek

Work Order: NTE0596  
 Project Name: Delltech  
 Project Number: [none]  
 Received: 05/07/10 11:15

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NTE0596-02 (MW6D.2 - Ground Water) - cont. Sampled: 05/06/10 10:00</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
cis-1,3-Dichloropropene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,4-Dioxane	ND		ug/L	200	1	05/11/10 19:56	SW846 8260B	10E1293
Ethylbenzene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Ethyl Methacrylate	ND		ug/L	10.0	1	05/11/10 19:56	SW846 8260B	10E1293
Hexachlorobutadiene	ND		ug/L	1.00	1	05/11/10 19:56	SW846 8260B	10E1293
2-Hexanone	ND		ug/L	10.0	1	05/11/10 19:56	SW846 8260B	10E1293
Iodomethane	ND		ug/L	10.0	1	05/11/10 19:56	SW846 8260B	10E1293
Isobutanol	ND		ug/L	25.0	1	05/11/10 19:56	SW846 8260B	10E1293
Methacrylonitrile	ND		ug/L	20.0	1	05/11/10 19:56	SW846 8260B	10E1293
Methylene Chloride	ND		ug/L	5.00	1	05/11/10 19:56	SW846 8260B	10E1293
Methyl Methacrylate	ND		ug/L	1.00	1	05/11/10 19:56	SW846 8260B	10E1293
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/11/10 19:56	SW846 8260B	10E1293
Propionitrile	ND		ug/L	10.0	1	05/11/10 19:56	SW846 8260B	10E1293
Styrene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Tetrachloroethene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Toluene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,1,1-Trichloroethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,1,2-Trichloroethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Trichloroethene	<b>3.38</b>		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Trichlorofluoromethane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
1,2,3-Trichloropropane	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Vinyl acetate	ND		ug/L	10.0	1	05/11/10 19:56	SW846 8260B	10E1293
Vinyl chloride	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Xylenes, total	ND		ug/L	0.500	1	05/11/10 19:56	SW846 8260B	10E1293
Surr: 1,2-Dichloroethane-d4 (63-140%)	116 %					05/11/10 19:56	SW846 8260B	10E1293
Surr: Dibromofluoromethane (73-131%)	105 %					05/11/10 19:56	SW846 8260B	10E1293
Surr: Toluene-d8 (80-120%)	97 %					05/11/10 19:56	SW846 8260B	10E1293
Surr: 4-Bromofluorobenzene (79-125%)	92 %					05/11/10 19:56	SW846 8260B	10E1293

Client Triad Engineering, Inc. (3767)  
 219 Hartman Run Rd  
 Morgantown, WV 26505  
 Attn Julie Szymanek

Work Order: NTE0596  
 Project Name: Delltech  
 Project Number: [none]  
 Received: 05/07/10 11:15

### SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
<b>Dissolved Metals by EPA Method 6010B</b>							
SW846 6010B	10E1405	NTE0596-01	50.00	50.00	05/10/10 17:30	LCB	EPA 3010A / 6010 D
SW846 6010B	10E1405	NTE0596-01	50.00	50.00	05/10/10 17:30	LCB	EPA 3010A / 6010 D
SW846 6010B	10E1405	NTE0596-01	50.00	50.00	05/10/10 17:30	LCB	EPA 3010A / 6010 D
SW846 6010B	10E1405	NTE0596-01	50.00	50.00	05/10/10 17:30	LCB	EPA 3010A / 6010 D
SW846 6010B	10E1405	NTE0596-01	50.00	50.00	05/10/10 17:30	LCB	EPA 3010A / 6010 D
SW846 6010B	10E1405	NTE0596-01	50.00	50.00	05/10/10 17:30	LCB	EPA 3010A / 6010 D
SW846 6010B	10E1405	NTE0596-02	50.00	50.00	05/10/10 17:30	LCB	EPA 3010A / 6010 D
SW846 6010B	10E1405	NTE0596-02	50.00	50.00	05/10/10 17:30	LCB	EPA 3010A / 6010 D
SW846 6010B	10E1405	NTE0596-02	50.00	50.00	05/10/10 17:30	LCB	EPA 3010A / 6010 D
SW846 6010B	10E1405	NTE0596-02	50.00	50.00	05/10/10 17:30	LCB	EPA 3010A / 6010 D
SW846 6010B	10E1405	NTE0596-02	50.00	50.00	05/10/10 17:30	LCB	EPA 3010A / 6010 D
SW846 6010B	10E1405	NTE0596-02	50.00	50.00	05/10/10 17:30	LCB	EPA 3010A / 6010 D
<b>Dissolved Metals by Method 6020</b>							
SW846 6020	10E1528	NTE0596-01	50.00	50.00	05/11/10 08:45	MET	EPA 3010A / 6020 D
SW846 6020	10E1528	NTE0596-02	50.00	50.00	05/11/10 08:45	MET	EPA 3010A / 6020 D

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Work Order: NTE0596  
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 Project Number: [none]  
 Received: 05/07/10 11:15

**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Dissolved Metals by EPA Method 6010B</b>						
<b>10E1405-BLK1</b>						
Aluminum	<0.0540		mg/L	10E1405	10E1405-BLK1	05/12/10 21:26
Arsenic	<0.00360		mg/L	10E1405	10E1405-BLK1	05/12/10 21:26
Iron	<0.0490		mg/L	10E1405	10E1405-BLK1	05/12/10 21:26
Lead	<0.00210		mg/L	10E1405	10E1405-BLK1	05/12/10 21:26
Manganese	<0.00100		mg/L	10E1405	10E1405-BLK1	05/12/10 21:26
Vanadium	<0.00500		mg/L	10E1405	10E1405-BLK1	05/12/10 21:26

**Dissolved Metals by Method 6020**

<b>10E1528-BLK1</b>						
Thallium	0.380		ug/L	10E1528	10E1528-BLK1	05/18/10 19:12

**Volatile Organic Compounds by EPA Method 8260B**

<b>10E1293-BLK1</b>						
Acetone	<5.00		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Acetonitrile	<8.36		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Acrolein	<5.60		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Acrylonitrile	<0.750		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Benzene	<0.240		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Bromodichloromethane	<0.170		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Bromoform	<0.170		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Bromomethane	<0.230		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
2-Butanone	<1.40		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Carbon disulfide	<0.210		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Carbon Tetrachloride	<0.190		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Chlorobenzene	<0.170		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Chlorodibromomethane	<0.170		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Chloroethane	<0.180		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Chloroform	<0.200		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Chloromethane	<0.240		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Chloroprene	<0.510		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
3-Chloropropene	<0.600		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,2-Dibromo-3-chloropropane	<3.00		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,2-Dibromoethane (EDB)	<0.220		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Dibromomethane	<0.210		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
trans-1,4-Dichloro-2-butene	<0.520		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,2-Dichlorobenzene	<0.190		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,3-Dichlorobenzene	<0.200		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,4-Dichlorobenzene	<0.200		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Dichlorodifluoromethane	<0.240		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,2-Dichloroethane	<0.240		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,1-Dichloroethane	<0.210		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19

Client Triad Engineering, Inc. (3767)  
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 Attn Julie Szymanek

Work Order: NTE0596  
 Project Name: Delltech  
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 Received: 05/07/10 11:15

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>10E1293-BLK1</b>						
cis-1,2-Dichloroethene	<0.190		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
trans-1,2-Dichloroethene	<0.200		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,1-Dichloroethene	<0.220		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,2-Dichloropropane	<0.170		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
trans-1,3-Dichloropropene	<0.170		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
cis-1,3-Dichloropropene	<0.170		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,4-Dioxane	<26.0		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Ethylbenzene	<0.200		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Ethyl Methacrylate	<3.33		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Hexachlorobutadiene	<0.600		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
2-Hexanone	<0.520		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Iodomethane	<3.33		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Isobutanol	<4.36		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Methacrylonitrile	<5.63		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Methylene Chloride	<1.67		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Methyl Methacrylate	<0.510		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
4-Methyl-2-pentanone	<3.30		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Propionitrile	<5.84		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Styrene	<0.170		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,1,2,2-Tetrachloroethane	<0.180		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,1,1,2-Tetrachloroethane	<0.160		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Tetrachloroethene	<0.220		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Toluene	<0.250		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,2,4-Trichlorobenzene	<0.270		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,1,1-Trichloroethane	<0.190		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,1,2-Trichloroethane	<0.140		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Trichloroethene	<0.170		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Trichlorofluoromethane	<0.180		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
1,2,3-Trichloropropane	<0.290		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Vinyl acetate	<1.30		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Vinyl chloride	<0.180		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Xylenes, total	<0.430		ug/L	10E1293	10E1293-BLK1	05/11/10 12:19
Surrogate: 1,2-Dichloroethane-d4	104%			10E1293	10E1293-BLK1	05/11/10 12:19
Surrogate: Dibromofluoromethane	103%			10E1293	10E1293-BLK1	05/11/10 12:19
Surrogate: Toluene-d8	95%			10E1293	10E1293-BLK1	05/11/10 12:19
Surrogate: 4-Bromofluorobenzene	95%			10E1293	10E1293-BLK1	05/11/10 12:19

Client Triad Engineering, Inc. (3767)  
 219 Hartman Run Rd  
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Work Order: NTE0596  
 Project Name: Delltech  
 Project Number: [none]  
 Received: 05/07/10 11:15

**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Dissolved Metals by EPA Method 6010B</b>								
<b>10E1405-BS1</b>								
Aluminum	2.00	2.01		mg/L	101%	80 - 120	10E1405	05/12/10 21:39
Arsenic	0.0500	0.0472		mg/L	94%	80 - 120	10E1405	05/12/10 21:39
Iron	1.00	0.981		mg/L	98%	80 - 120	10E1405	05/12/10 21:39
Lead	0.0500	0.0487		mg/L	97%	80 - 120	10E1405	05/12/10 21:39
Manganese	0.500	0.486		mg/L	97%	80 - 120	10E1405	05/12/10 21:39
Vanadium	0.500	0.461		mg/L	92%	80 - 120	10E1405	05/12/10 21:39

**Dissolved Metals by Method 6020**

<b>10E1528-BS1</b>								
Thallium	100	98.5		ug/L	99%	80 - 120	10E1528	05/18/10 19:09

**Volatile Organic Compounds by EPA Method 8260B**

<b>10E1293-BS1</b>								
Acetone	250	266		ug/L	106%	56 - 150	10E1293	05/11/10 09:23
Acrolein	250	831	L1	ug/L	332%	12 - 150	10E1293	05/11/10 09:23
Acrylonitrile	250	294		ug/L	118%	60 - 143	10E1293	05/11/10 09:23
Benzene	50.0	56.7		ug/L	113%	80 - 121	10E1293	05/11/10 09:23
Bromodichloromethane	50.0	57.8		ug/L	116%	75 - 131	10E1293	05/11/10 09:23
Bromoform	50.0	49.6		ug/L	99%	65 - 140	10E1293	05/11/10 09:23
Bromomethane	50.0	43.5		ug/L	87%	50 - 150	10E1293	05/11/10 09:23
2-Butanone	250	289		ug/L	116%	70 - 144	10E1293	05/11/10 09:23
Carbon disulfide	50.0	57.6		ug/L	115%	74 - 137	10E1293	05/11/10 09:23
Carbon Tetrachloride	50.0	57.2		ug/L	114%	71 - 137	10E1293	05/11/10 09:23
Chlorobenzene	50.0	52.6		ug/L	105%	80 - 121	10E1293	05/11/10 09:23
Chlorodibromomethane	50.0	58.7		ug/L	117%	68 - 137	10E1293	05/11/10 09:23
Chloroethane	50.0	40.6		ug/L	81%	50 - 146	10E1293	05/11/10 09:23
Chloroform	50.0	58.5		ug/L	117%	73 - 131	10E1293	05/11/10 09:23
Chloromethane	50.0	24.6		ug/L	49%	30 - 132	10E1293	05/11/10 09:23
1,2-Dibromo-3-chloropropane	50.0	49.0		ug/L	98%	56 - 145	10E1293	05/11/10 09:23
1,2-Dibromoethane (EDB)	50.0	57.4		ug/L	115%	80 - 135	10E1293	05/11/10 09:23
Dibromomethane	50.0	59.2		ug/L	118%	78 - 133	10E1293	05/11/10 09:23
trans-1,4-Dichloro-2-butene	50.0	54.5		ug/L	109%	28 - 150	10E1293	05/11/10 09:23
1,2-Dichlorobenzene	50.0	55.0		ug/L	110%	80 - 125	10E1293	05/11/10 09:23
1,3-Dichlorobenzene	50.0	53.4		ug/L	107%	80 - 128	10E1293	05/11/10 09:23
1,4-Dichlorobenzene	50.0	53.2		ug/L	106%	80 - 120	10E1293	05/11/10 09:23
Dichlorodifluoromethane	50.0	23.3		ug/L	47%	30 - 132	10E1293	05/11/10 09:23
1,2-Dichloroethane	50.0	59.3		ug/L	119%	70 - 134	10E1293	05/11/10 09:23
1,1-Dichloroethane	50.0	57.5		ug/L	115%	75 - 125	10E1293	05/11/10 09:23
cis-1,2-Dichloroethene	50.0	57.1		ug/L	114%	71 - 132	10E1293	05/11/10 09:23
trans-1,2-Dichloroethene	50.0	58.8		ug/L	118%	77 - 125	10E1293	05/11/10 09:23
1,1-Dichloroethene	50.0	56.8		ug/L	114%	73 - 125	10E1293	05/11/10 09:23

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Work Order: NTE0596  
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 Received: 05/07/10 11:15

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>10E1293-BS1</b>								
1,2-Dichloropropane	50.0	55.0		ug/L	110%	72 - 120	10E1293	05/11/10 09:23
trans-1,3-Dichloropropene	50.0	55.4		ug/L	111%	62 - 139	10E1293	05/11/10 09:23
cis-1,3-Dichloropropene	50.0	56.8		ug/L	114%	70 - 140	10E1293	05/11/10 09:23
1,4-Dioxane	5000	6600		ug/L	132%	32 - 150	10E1293	05/11/10 09:23
Ethylbenzene	50.0	54.1		ug/L	108%	78 - 133	10E1293	05/11/10 09:23
Ethyl Methacrylate	250	278		ug/L	111%	67 - 140	10E1293	05/11/10 09:23
Hexachlorobutadiene	50.0	61.0		ug/L	122%	70 - 150	10E1293	05/11/10 09:23
2-Hexanone	250	293		ug/L	117%	60 - 150	10E1293	05/11/10 09:23
Iodomethane	250	267		ug/L	107%	51 - 150	10E1293	05/11/10 09:23
Methylene Chloride	50.0	52.1		ug/L	104%	80 - 133	10E1293	05/11/10 09:23
4-Methyl-2-pentanone	250	278		ug/L	111%	62 - 146	10E1293	05/11/10 09:23
Styrene	50.0	54.1		ug/L	108%	80 - 136	10E1293	05/11/10 09:23
1,1,2,2-Tetrachloroethane	50.0	58.9		ug/L	118%	73 - 131	10E1293	05/11/10 09:23
1,1,1,2-Tetrachloroethane	50.0	56.4		ug/L	113%	80 - 130	10E1293	05/11/10 09:23
Tetrachloroethene	50.0	52.7		ug/L	105%	77 - 131	10E1293	05/11/10 09:23
Toluene	50.0	53.2		ug/L	106%	78 - 125	10E1293	05/11/10 09:23
1,2,4-Trichlorobenzene	50.0	61.7		ug/L	123%	74 - 136	10E1293	05/11/10 09:23
1,1,1-Trichloroethane	50.0	54.8		ug/L	110%	75 - 137	10E1293	05/11/10 09:23
1,1,2-Trichloroethane	50.0	54.9		ug/L	110%	80 - 123	10E1293	05/11/10 09:23
Trichloroethene	50.0	53.2		ug/L	106%	74 - 139	10E1293	05/11/10 09:23
Trichlorofluoromethane	50.0	46.9		ug/L	94%	60 - 133	10E1293	05/11/10 09:23
1,2,3-Trichloropropane	50.0	59.6		ug/L	119%	64 - 127	10E1293	05/11/10 09:23
Vinyl acetate	250	259		ug/L	103%	43 - 150	10E1293	05/11/10 09:23
Vinyl chloride	50.0	41.0		ug/L	82%	60 - 122	10E1293	05/11/10 09:23
Xylenes, total	150	156		ug/L	104%	78 - 134	10E1293	05/11/10 09:23
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.0	26.8			107%	63 - 140	10E1293	05/11/10 09:23
<i>Surrogate: Dibromofluoromethane</i>	25.0	25.6			102%	73 - 131	10E1293	05/11/10 09:23
<i>Surrogate: Toluene-d8</i>	25.0	23.9			96%	80 - 120	10E1293	05/11/10 09:23
<i>Surrogate: 4-Bromofluorobenzene</i>	25.0	24.2			97%	79 - 125	10E1293	05/11/10 09:23
<b>10E1293-BS2</b>								
Acetonitrile	500	445		ug/L	89%	12 - 150	10E1293	05/11/10 10:34
Chloroprene	50.0	46.7		ug/L	93%	12 - 150	10E1293	05/11/10 10:34
3-Chloropropene	50.0	33.0		ug/L	66%	12 - 150	10E1293	05/11/10 10:34
Isobutanol	500	583		ug/L	117%	12 - 150	10E1293	05/11/10 10:34
Methacrylonitrile	500	544		ug/L	109%	12 - 150	10E1293	05/11/10 10:34
Methyl Methacrylate	50.0	52.8		ug/L	106%	12 - 150	10E1293	05/11/10 10:34
Propionitrile	500	563		ug/L	113%	12 - 150	10E1293	05/11/10 10:34
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.0	26.8			107%	63 - 140	10E1293	05/11/10 10:34
<i>Surrogate: Dibromofluoromethane</i>	25.0	25.3			101%	73 - 131	10E1293	05/11/10 10:34
<i>Surrogate: Toluene-d8</i>	25.0	23.5			94%	80 - 120	10E1293	05/11/10 10:34

Client Triad Engineering, Inc. (3767)  
219 Hartman Run Rd  
Morgantown, WV 26505  
Attn Julie Szymanek

Work Order: NTE0596  
Project Name: Delltech  
Project Number: [none]  
Received: 05/07/10 11:15

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>10E1293-BS2</b>								
<i>Surrogate: 4-Bromofluorobenzene</i>	25.0	23.9			95%	79 - 125	10E1293	05/11/10 10:34

Client Triad Engineering, Inc. (3767)  
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Work Order: NTE0596  
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 Received: 05/07/10 11:15

**PROJECT QUALITY CONTROL DATA**  
**LCS Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Dissolved Metals by EPA Method 6010B</b>												
<b>10E1405-BSD1</b>												
Aluminum		2.06		mg/L	2.00	103%	80 - 120	2	20	10E1405		05/12/10 21:42
Arsenic		0.0499		mg/L	0.0500	100%	80 - 120	6	20	10E1405		05/12/10 21:42
Iron		0.950		mg/L	1.00	95%	80 - 120	3	20	10E1405		05/12/10 21:42
Lead		0.0487		mg/L	0.0500	97%	80 - 120	0	20	10E1405		05/12/10 21:42
Manganese		0.490		mg/L	0.500	98%	80 - 120	0.9	20	10E1405		05/12/10 21:42
Vanadium		0.464		mg/L	0.500	93%	80 - 120	0.8	20	10E1405		05/12/10 21:42
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>10E1293-BSD1</b>												
Acetone		319		ug/L	250	127%	56 - 150	18	31	10E1293		05/11/10 09:58
Acrolein		889	L1	ug/L	250	356%	12 - 150	7	34	10E1293		05/11/10 09:58
Acrylonitrile		305		ug/L	250	122%	60 - 143	4	13	10E1293		05/11/10 09:58
Benzene		59.8		ug/L	50.0	120%	80 - 121	5	12	10E1293		05/11/10 09:58
Bromodichloromethane		60.2		ug/L	50.0	120%	75 - 131	4	13	10E1293		05/11/10 09:58
Bromoform		51.6		ug/L	50.0	103%	65 - 140	4	18	10E1293		05/11/10 09:58
Bromomethane		45.3		ug/L	50.0	91%	50 - 150	4	50	10E1293		05/11/10 09:58
2-Butanone		303		ug/L	250	121%	70 - 144	4	37	10E1293		05/11/10 09:58
Carbon disulfide		62.1		ug/L	50.0	124%	74 - 137	8	28	10E1293		05/11/10 09:58
Carbon Tetrachloride		62.6		ug/L	50.0	125%	71 - 137	9	26	10E1293		05/11/10 09:58
Chlorobenzene		54.9		ug/L	50.0	110%	80 - 121	4	11	10E1293		05/11/10 09:58
Chlorodibromomethane		60.9		ug/L	50.0	122%	68 - 137	4	16	10E1293		05/11/10 09:58
Chloroethane		48.4		ug/L	50.0	97%	50 - 146	18	35	10E1293		05/11/10 09:58
Chloroform		63.8		ug/L	50.0	128%	73 - 131	9	32	10E1293		05/11/10 09:58
Chloromethane		35.1	R2	ug/L	50.0	70%	30 - 132	35	34	10E1293		05/11/10 09:58
1,2-Dibromo-3-chloropropane		51.0		ug/L	50.0	102%	56 - 145	4	21	10E1293		05/11/10 09:58
1,2-Dibromoethane (EDB)		59.7		ug/L	50.0	119%	80 - 135	4	10	10E1293		05/11/10 09:58
Dibromomethane		62.0		ug/L	50.0	124%	78 - 133	5	11	10E1293		05/11/10 09:58
trans-1,4-Dichloro-2-butene		61.9		ug/L	50.0	124%	28 - 150	13	19	10E1293		05/11/10 09:58
1,2-Dichlorobenzene		56.7		ug/L	50.0	113%	80 - 125	3	11	10E1293		05/11/10 09:58
1,3-Dichlorobenzene		55.6		ug/L	50.0	111%	80 - 128	4	18	10E1293		05/11/10 09:58
1,4-Dichlorobenzene		55.8		ug/L	50.0	112%	80 - 120	5	10	10E1293		05/11/10 09:58
Dichlorodifluoromethane		40.0	R2	ug/L	50.0	80%	30 - 132	53	32	10E1293		05/11/10 09:58
1,2-Dichloroethane		61.3		ug/L	50.0	123%	70 - 134	3	25	10E1293		05/11/10 09:58
1,1-Dichloroethane		60.0		ug/L	50.0	120%	75 - 125	4	34	10E1293		05/11/10 09:58
cis-1,2-Dichloroethene		60.4		ug/L	50.0	121%	71 - 132	6	32	10E1293		05/11/10 09:58
trans-1,2-Dichloroethene		62.6		ug/L	50.0	125%	77 - 125	6	32	10E1293		05/11/10 09:58
1,1-Dichloroethene		61.2		ug/L	50.0	122%	73 - 125	8	31	10E1293		05/11/10 09:58
1,2-Dichloropropane		57.4		ug/L	50.0	115%	72 - 120	4	11	10E1293		05/11/10 09:58
trans-1,3-Dichloropropene		59.3		ug/L	50.0	119%	62 - 139	7	26	10E1293		05/11/10 09:58
cis-1,3-Dichloropropene		61.5		ug/L	50.0	123%	70 - 140	8	35	10E1293		05/11/10 09:58
1,4-Dioxane		6900		ug/L	5000	138%	32 - 150	4	43	10E1293		05/11/10 09:58

Client Triad Engineering, Inc. (3767)  
 219 Hartman Run Rd  
 Morgantown, WV 26505  
 Attn Julie Szymanek

Work Order: NTE0596  
 Project Name: Delltech  
 Project Number: [none]  
 Received: 05/07/10 11:15

**PROJECT QUALITY CONTROL DATA**  
**LCS Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>10E1293-BSD1</b>												
Ethylbenzene		56.8		ug/L	50.0	114%	78 - 133	5	12	10E1293		05/11/10 09:58
Ethyl Methacrylate		289		ug/L	250	115%	67 - 140	4	15	10E1293		05/11/10 09:58
Hexachlorobutadiene		68.2		ug/L	50.0	136%	70 - 150	11	21	10E1293		05/11/10 09:58
2-Hexanone		310		ug/L	250	124%	60 - 150	6	20	10E1293		05/11/10 09:58
Iodomethane		304		ug/L	250	122%	51 - 150	13	23	10E1293		05/11/10 09:58
Methylene Chloride		55.2		ug/L	50.0	110%	80 - 133	6	36	10E1293		05/11/10 09:58
4-Methyl-2-pentanone		290		ug/L	250	116%	62 - 146	4	35	10E1293		05/11/10 09:58
Styrene		56.7		ug/L	50.0	113%	80 - 136	5	29	10E1293		05/11/10 09:58
1,1,2,2-Tetrachloroethane		60.6		ug/L	50.0	121%	73 - 131	3	28	10E1293		05/11/10 09:58
1,1,1,2-Tetrachloroethane		58.2		ug/L	50.0	116%	80 - 130	3	11	10E1293		05/11/10 09:58
Tetrachloroethene		56.5		ug/L	50.0	113%	77 - 131	7	16	10E1293		05/11/10 09:58
Toluene		56.0		ug/L	50.0	112%	78 - 125	5	35	10E1293		05/11/10 09:58
1,2,4-Trichlorobenzene		65.2		ug/L	50.0	130%	74 - 136	6	23	10E1293		05/11/10 09:58
1,1,1-Trichloroethane		62.8		ug/L	50.0	126%	75 - 137	14	29	10E1293		05/11/10 09:58
1,1,2-Trichloroethane		56.4		ug/L	50.0	113%	80 - 123	3	21	10E1293		05/11/10 09:58
Trichloroethene		57.0		ug/L	50.0	114%	74 - 139	7	11	10E1293		05/11/10 09:58
Trichlorofluoromethane		52.9		ug/L	50.0	106%	60 - 133	12	33	10E1293		05/11/10 09:58
1,2,3-Trichloropropane		61.9		ug/L	50.0	124%	64 - 127	4	25	10E1293		05/11/10 09:58
Vinyl acetate		331	R2	ug/L	250	132%	43 - 150	25	15	10E1293		05/11/10 09:58
Vinyl chloride		51.0		ug/L	50.0	102%	60 - 122	22	32	10E1293		05/11/10 09:58
Xylenes, total		165		ug/L	150	110%	78 - 134	5	18	10E1293		05/11/10 09:58
<i>Surrogate: 1,2-Dichloroethane-d4</i>		26.8		ug/L	25.0	107%	63 - 140			10E1293		05/11/10 09:58
<i>Surrogate: Dibromofluoromethane</i>		27.1		ug/L	25.0	108%	73 - 131			10E1293		05/11/10 09:58
<i>Surrogate: Toluene-d8</i>		23.9		ug/L	25.0	96%	80 - 120			10E1293		05/11/10 09:58
<i>Surrogate: 4-Bromofluorobenzene</i>		24.1		ug/L	25.0	96%	79 - 125			10E1293		05/11/10 09:58
<b>10E1293-BSD2</b>												
Acetonitrile		476		ug/L	500	95%	12 - 150	7	50	10E1293		05/11/10 20:31
Chloroprene		46.6		ug/L	50.0	93%	12 - 150	0.4	50	10E1293		05/11/10 20:31
3-Chloropropene		35.3		ug/L	50.0	71%	12 - 150	7	50	10E1293		05/11/10 20:31
Isobutanol		527		ug/L	500	105%	12 - 150	10	50	10E1293		05/11/10 20:31
Methacrylonitrile		594		ug/L	500	119%	12 - 150	9	50	10E1293		05/11/10 20:31
Methyl Methacrylate		53.1		ug/L	50.0	106%	12 - 150	0.5	50	10E1293		05/11/10 20:31
Propionitrile		590		ug/L	500	118%	12 - 150	5	50	10E1293		05/11/10 20:31
<i>Surrogate: 1,2-Dichloroethane-d4</i>		27.9		ug/L	25.0	112%	63 - 140			10E1293		05/11/10 20:31
<i>Surrogate: Dibromofluoromethane</i>		25.9		ug/L	25.0	104%	73 - 131			10E1293		05/11/10 20:31
<i>Surrogate: Toluene-d8</i>		22.7		ug/L	25.0	91%	80 - 120			10E1293		05/11/10 20:31
<i>Surrogate: 4-Bromofluorobenzene</i>		24.5		ug/L	25.0	98%	79 - 125			10E1293		05/11/10 20:31

Client Triad Engineering, Inc. (3767)  
 219 Hartman Run Rd  
 Morgantown, WV 26505  
 Attn Julie Szymanek

Work Order: NTE0596  
 Project Name: Delltech  
 Project Number: [none]  
 Received: 05/07/10 11:15

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Dissolved Metals by EPA Method 6010B</b>										
<b>10E1405-MS1</b>										
Aluminum	0.0587	1.97		mg/L	2.00	96%	75 - 125	10E1405	NTE0560-01	05/12/10 21:48
Arsenic	ND	0.0469		mg/L	0.0500	94%	75 - 125	10E1405	NTE0560-01	05/12/10 21:48
Iron	0.0741	0.980		mg/L	1.00	91%	75 - 125	10E1405	NTE0560-01	05/12/10 21:48
Lead	0.00340	0.0514		mg/L	0.0500	96%	75 - 125	10E1405	NTE0560-01	05/12/10 21:48
Manganese	0.0396	0.510		mg/L	0.500	94%	75 - 125	10E1405	NTE0560-01	05/12/10 21:48
Vanadium	ND	0.456		mg/L	0.500	91%	75 - 125	10E1405	NTE0560-01	05/12/10 21:48
<b>Dissolved Metals by Method 6020</b>										
<b>10E1528-MS1</b>										
Thallium	ND	92.8		ug/L	100	93%	75 - 125	10E1528	NTE0596-01	05/18/10 19:20
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>10E1293-MS1</b>										
Acetone	ND	375		ug/L	250	150%	56 - 150	10E1293	NTE0685-01	05/11/10 21:06
Acrolein	ND	952	M7	ug/L	250	381%	12 - 170	10E1293	NTE0685-01	05/11/10 21:06
Acrylonitrile	ND	332		ug/L	250	133%	60 - 149	10E1293	NTE0685-01	05/11/10 21:06
Benzene	ND	64.2		ug/L	50.0	128%	65 - 151	10E1293	NTE0685-01	05/11/10 21:06
Bromodichloromethane	ND	63.4		ug/L	50.0	127%	75 - 138	10E1293	NTE0685-01	05/11/10 21:06
Bromoform	ND	52.2		ug/L	50.0	104%	55 - 153	10E1293	NTE0685-01	05/11/10 21:06
Bromomethane	ND	45.9		ug/L	50.0	92%	13 - 176	10E1293	NTE0685-01	05/11/10 21:06
2-Butanone	ND	329		ug/L	250	131%	45 - 164	10E1293	NTE0685-01	05/11/10 21:06
Carbon disulfide	ND	63.7		ug/L	50.0	127%	33 - 187	10E1293	NTE0685-01	05/11/10 21:06
Carbon Tetrachloride	ND	62.7		ug/L	50.0	125%	64 - 157	10E1293	NTE0685-01	05/11/10 21:06
Chlorobenzene	ND	58.5		ug/L	50.0	117%	78 - 136	10E1293	NTE0685-01	05/11/10 21:06
Chlorodibromomethane	ND	63.5		ug/L	50.0	127%	64 - 145	10E1293	NTE0685-01	05/11/10 21:06
Chloroethane	ND	52.5		ug/L	50.0	105%	48 - 159	10E1293	NTE0685-01	05/11/10 21:06
Chloroform	ND	66.2		ug/L	50.0	132%	72 - 145	10E1293	NTE0685-01	05/11/10 21:06
Chloromethane	ND	34.7		ug/L	50.0	69%	10 - 194	10E1293	NTE0685-01	05/11/10 21:06
1,2-Dibromo-3-chloropropane	ND	50.6		ug/L	50.0	101%	49 - 162	10E1293	NTE0685-01	05/11/10 21:06
1,2-Dibromoethane (EDB)	ND	62.4		ug/L	50.0	125%	70 - 152	10E1293	NTE0685-01	05/11/10 21:06
Dibromomethane	ND	66.5		ug/L	50.0	133%	75 - 141	10E1293	NTE0685-01	05/11/10 21:06
trans-1,4-Dichloro-2-butene	ND	64.0		ug/L	50.0	128%	16 - 167	10E1293	NTE0685-01	05/11/10 21:06
1,2-Dichlorobenzene	ND	59.5		ug/L	50.0	119%	80 - 136	10E1293	NTE0685-01	05/11/10 21:06
1,3-Dichlorobenzene	ND	58.3		ug/L	50.0	117%	72 - 146	10E1293	NTE0685-01	05/11/10 21:06
1,4-Dichlorobenzene	ND	58.0		ug/L	50.0	116%	75 - 135	10E1293	NTE0685-01	05/11/10 21:06
Dichlorodifluoromethane	ND	38.7		ug/L	50.0	77%	23 - 159	10E1293	NTE0685-01	05/11/10 21:06
1,2-Dichloroethane	ND	66.8		ug/L	50.0	134%	72 - 137	10E1293	NTE0685-01	05/11/10 21:06
1,1-Dichloroethane	ND	65.2		ug/L	50.0	130%	64 - 154	10E1293	NTE0685-01	05/11/10 21:06

Client Triad Engineering, Inc. (3767)  
 219 Hartman Run Rd  
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Work Order: NTE0596  
 Project Name: Delltech  
 Project Number: [none]  
 Received: 05/07/10 11:15

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>10E1293-MS1</b>										
cis-1,2-Dichloroethene	ND	64.5		ug/L	50.0	129%	57 - 154	10E1293	NTE0685-01	05/11/10 21:06
trans-1,2-Dichloroethene	ND	66.7		ug/L	50.0	133%	57 - 157	10E1293	NTE0685-01	05/11/10 21:06
1,1-Dichloroethene	ND	65.0		ug/L	50.0	130%	34 - 151	10E1293	NTE0685-01	05/11/10 21:06
1,2-Dichloropropane	ND	60.6		ug/L	50.0	121%	71 - 139	10E1293	NTE0685-01	05/11/10 21:06
trans-1,3-Dichloropropene	ND	58.0		ug/L	50.0	116%	47 - 157	10E1293	NTE0685-01	05/11/10 21:06
cis-1,3-Dichloropropene	ND	61.2		ug/L	50.0	122%	56 - 156	10E1293	NTE0685-01	05/11/10 21:06
1,4-Dioxane	ND	5060		ug/L	5000	101%	61 - 157	10E1293	NTE0685-01	05/11/10 21:06
Ethylbenzene	ND	60.5		ug/L	50.0	121%	68 - 157	10E1293	NTE0685-01	05/11/10 21:06
Ethyl Methacrylate	ND	306		ug/L	250	122%	67 - 151	10E1293	NTE0685-01	05/11/10 21:06
Hexachlorobutadiene	ND	70.4		ug/L	50.0	141%	47 - 173	10E1293	NTE0685-01	05/11/10 21:06
2-Hexanone	ND	337		ug/L	250	135%	57 - 154	10E1293	NTE0685-01	05/11/10 21:06
Iodomethane	ND	281		ug/L	250	112%	49 - 178	10E1293	NTE0685-01	05/11/10 21:06
Methylene Chloride	ND	57.7		ug/L	50.0	115%	71 - 136	10E1293	NTE0685-01	05/11/10 21:06
4-Methyl-2-pentanone	ND	309		ug/L	250	124%	62 - 159	10E1293	NTE0685-01	05/11/10 21:06
Styrene	ND	59.7		ug/L	50.0	119%	69 - 150	10E1293	NTE0685-01	05/11/10 21:06
1,1,2,2-Tetrachloroethane	ND	63.6		ug/L	50.0	127%	76 - 141	10E1293	NTE0685-01	05/11/10 21:06
1,1,1,2-Tetrachloroethane	ND	60.9		ug/L	50.0	122%	80 - 140	10E1293	NTE0685-01	05/11/10 21:06
Tetrachloroethene	ND	59.8		ug/L	50.0	120%	63 - 155	10E1293	NTE0685-01	05/11/10 21:06
Toluene	ND	59.5		ug/L	50.0	119%	61 - 153	10E1293	NTE0685-01	05/11/10 21:06
1,2,4-Trichlorobenzene	ND	65.8		ug/L	50.0	132%	64 - 147	10E1293	NTE0685-01	05/11/10 21:06
1,1,1-Trichloroethane	ND	62.6		ug/L	50.0	125%	78 - 153	10E1293	NTE0685-01	05/11/10 21:06
1,1,2-Trichloroethane	ND	59.7		ug/L	50.0	119%	74 - 138	10E1293	NTE0685-01	05/11/10 21:06
Trichloroethene	ND	61.8		ug/L	50.0	124%	74 - 139	10E1293	NTE0685-01	05/11/10 21:06
Trichlorofluoromethane	ND	60.2		ug/L	50.0	120%	53 - 149	10E1293	NTE0685-01	05/11/10 21:06
1,2,3-Trichloropropane	ND	65.2		ug/L	50.0	130%	49 - 148	10E1293	NTE0685-01	05/11/10 21:06
Vinyl acetate	ND	330		ug/L	250	132%	19 - 172	10E1293	NTE0685-01	05/11/10 21:06
Vinyl chloride	ND	55.2		ug/L	50.0	110%	53 - 137	10E1293	NTE0685-01	05/11/10 21:06
Xylenes, total	ND	176		ug/L	150	117%	68 - 158	10E1293	NTE0685-01	05/11/10 21:06
Surrogate: 1,2-Dichloroethane-d4		27.7		ug/L	25.0	111%	63 - 140	10E1293	NTE0685-01	05/11/10 21:06
Surrogate: Dibromofluoromethane		25.8		ug/L	25.0	103%	73 - 131	10E1293	NTE0685-01	05/11/10 21:06
Surrogate: Toluene-d8		23.7		ug/L	25.0	95%	80 - 120	10E1293	NTE0685-01	05/11/10 21:06
Surrogate: 4-Bromofluorobenzene		23.7		ug/L	25.0	95%	79 - 125	10E1293	NTE0685-01	05/11/10 21:06

Client Triad Engineering, Inc. (3767)  
 219 Hartman Run Rd  
 Morgantown, WV 26505  
 Attn Julie Szymanek

Work Order: NTE0596  
 Project Name: Delltech  
 Project Number: [none]  
 Received: 05/07/10 11:15

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Dissolved Metals by EPA Method 6010B</b>												
<b>10E1405-MSD1</b>												
Aluminum	0.0587	2.19		mg/L	2.00	106%	75 - 125	10	20	10E1405	NTE0560-01	05/12/10 21:51
Arsenic	ND	0.0480		mg/L	0.0500	96%	75 - 125	2	20	10E1405	NTE0560-01	05/12/10 21:51
Iron	0.0741	1.01		mg/L	1.00	94%	75 - 125	3	20	10E1405	NTE0560-01	05/12/10 21:51
Lead	0.00340	0.0525		mg/L	0.0500	98%	75 - 125	2	20	10E1405	NTE0560-01	05/12/10 21:51
Manganese	0.0396	0.523		mg/L	0.500	97%	75 - 125	3	20	10E1405	NTE0560-01	05/12/10 21:51
Vanadium	ND	0.467		mg/L	0.500	93%	75 - 125	3	20	10E1405	NTE0560-01	05/12/10 21:51
<b>Dissolved Metals by Method 6020</b>												
<b>10E1528-MSD1</b>												
Thallium	ND	94.9		ug/L	100	95%	75 - 125	2	20	10E1528	NTE0596-01	05/18/10 19:23
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>10E1293-MSD1</b>												
Acetone	ND	295		ug/L	250	118%	56 - 150	24	31	10E1293	NTE0685-01	05/11/10 21:41
Acrolein	ND	915	M7	ug/L	250	366%	12 - 170	4	34	10E1293	NTE0685-01	05/11/10 21:41
Acrylonitrile	ND	314		ug/L	250	126%	60 - 149	5	13	10E1293	NTE0685-01	05/11/10 21:41
Benzene	ND	61.7		ug/L	50.0	123%	65 - 151	4	12	10E1293	NTE0685-01	05/11/10 21:41
Bromodichloromethane	ND	60.8		ug/L	50.0	122%	75 - 138	4	13	10E1293	NTE0685-01	05/11/10 21:41
Bromoform	ND	49.8		ug/L	50.0	100%	55 - 153	5	18	10E1293	NTE0685-01	05/11/10 21:41
Bromomethane	ND	42.6		ug/L	50.0	85%	13 - 176	8	50	10E1293	NTE0685-01	05/11/10 21:41
2-Butanone	ND	312		ug/L	250	125%	45 - 164	5	37	10E1293	NTE0685-01	05/11/10 21:41
Carbon disulfide	ND	60.5		ug/L	50.0	121%	33 - 187	5	28	10E1293	NTE0685-01	05/11/10 21:41
Carbon Tetrachloride	ND	62.5		ug/L	50.0	125%	64 - 157	0.4	26	10E1293	NTE0685-01	05/11/10 21:41
Chlorobenzene	ND	56.0		ug/L	50.0	112%	78 - 136	4	11	10E1293	NTE0685-01	05/11/10 21:41
Chlorodibromomethane	ND	60.9		ug/L	50.0	122%	64 - 145	4	16	10E1293	NTE0685-01	05/11/10 21:41
Chloroethane	ND	50.9		ug/L	50.0	102%	48 - 159	3	35	10E1293	NTE0685-01	05/11/10 21:41
Chloroform	ND	62.6		ug/L	50.0	125%	72 - 145	6	32	10E1293	NTE0685-01	05/11/10 21:41
Chloromethane	ND	34.4		ug/L	50.0	69%	10 - 194	0.8	34	10E1293	NTE0685-01	05/11/10 21:41
1,2-Dibromo-3-chloropropane	ND	48.3		ug/L	50.0	97%	49 - 162	5	21	10E1293	NTE0685-01	05/11/10 21:41
1,2-Dibromoethane (EDB)	ND	60.0		ug/L	50.0	120%	70 - 152	4	10	10E1293	NTE0685-01	05/11/10 21:41
Dibromomethane	ND	63.0		ug/L	50.0	126%	75 - 141	5	11	10E1293	NTE0685-01	05/11/10 21:41
trans-1,4-Dichloro-2-butene	ND	60.5		ug/L	50.0	121%	16 - 167	6	19	10E1293	NTE0685-01	05/11/10 21:41
1,2-Dichlorobenzene	ND	57.2		ug/L	50.0	114%	80 - 136	4	11	10E1293	NTE0685-01	05/11/10 21:41
1,3-Dichlorobenzene	ND	55.8		ug/L	50.0	112%	72 - 146	4	18	10E1293	NTE0685-01	05/11/10 21:41
1,4-Dichlorobenzene	ND	56.3		ug/L	50.0	113%	75 - 135	3	10	10E1293	NTE0685-01	05/11/10 21:41
Dichlorodifluoromethane	ND	37.8		ug/L	50.0	76%	23 - 159	2	32	10E1293	NTE0685-01	05/11/10 21:41
1,2-Dichloroethane	ND	63.6		ug/L	50.0	127%	72 - 137	5	25	10E1293	NTE0685-01	05/11/10 21:41
1,1-Dichloroethane	ND	62.0		ug/L	50.0	124%	64 - 154	5	34	10E1293	NTE0685-01	05/11/10 21:41
cis-1,2-Dichloroethene	ND	61.4		ug/L	50.0	123%	57 - 154	5	32	10E1293	NTE0685-01	05/11/10 21:41
trans-1,2-Dichloroethene	ND	63.6		ug/L	50.0	127%	57 - 157	5	32	10E1293	NTE0685-01	05/11/10 21:41
1,1-Dichloroethene	ND	63.7		ug/L	50.0	127%	34 - 151	2	31	10E1293	NTE0685-01	05/11/10 21:41

Client Triad Engineering, Inc. (3767)  
 219 Hartman Run Rd  
 Morgantown, WV 26505  
 Attn Julie Szymanek

Work Order: NTE0596  
 Project Name: Delltech  
 Project Number: [none]  
 Received: 05/07/10 11:15

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>10E1293-MSD1</b>												
1,2-Dichloropropane	ND	58.2		ug/L	50.0	116%	71 - 139	4	11	10E1293	NTE0685-01	05/11/10 21:41
trans-1,3-Dichloropropene	ND	56.0		ug/L	50.0	112%	47 - 157	3	26	10E1293	NTE0685-01	05/11/10 21:41
cis-1,3-Dichloropropene	ND	59.6		ug/L	50.0	119%	56 - 156	3	35	10E1293	NTE0685-01	05/11/10 21:41
1,4-Dioxane	ND	6310		ug/L	5000	126%	61 - 157	22	43	10E1293	NTE0685-01	05/11/10 21:41
Ethylbenzene	ND	57.9		ug/L	50.0	116%	68 - 157	4	12	10E1293	NTE0685-01	05/11/10 21:41
Ethyl Methacrylate	ND	292		ug/L	250	117%	67 - 151	4	15	10E1293	NTE0685-01	05/11/10 21:41
Hexachlorobutadiene	ND	68.5		ug/L	50.0	137%	47 - 173	3	21	10E1293	NTE0685-01	05/11/10 21:41
2-Hexanone	ND	310		ug/L	250	124%	57 - 154	8	20	10E1293	NTE0685-01	05/11/10 21:41
Iodomethane	ND	295		ug/L	250	118%	49 - 178	5	23	10E1293	NTE0685-01	05/11/10 21:41
Methylene Chloride	ND	55.6		ug/L	50.0	111%	71 - 136	4	36	10E1293	NTE0685-01	05/11/10 21:41
4-Methyl-2-pentanone	ND	294		ug/L	250	118%	62 - 159	5	35	10E1293	NTE0685-01	05/11/10 21:41
Styrene	ND	57.2		ug/L	50.0	114%	69 - 150	4	29	10E1293	NTE0685-01	05/11/10 21:41
1,1,2,2-Tetrachloroethane	ND	59.3		ug/L	50.0	119%	76 - 141	7	28	10E1293	NTE0685-01	05/11/10 21:41
1,1,1,2-Tetrachloroethane	ND	58.6		ug/L	50.0	117%	80 - 140	4	11	10E1293	NTE0685-01	05/11/10 21:41
Tetrachloroethene	ND	57.8		ug/L	50.0	116%	63 - 155	3	16	10E1293	NTE0685-01	05/11/10 21:41
Toluene	ND	57.4		ug/L	50.0	115%	61 - 153	4	35	10E1293	NTE0685-01	05/11/10 21:41
1,2,4-Trichlorobenzene	ND	63.0		ug/L	50.0	126%	64 - 147	4	23	10E1293	NTE0685-01	05/11/10 21:41
1,1,1-Trichloroethane	ND	59.5		ug/L	50.0	119%	78 - 153	5	29	10E1293	NTE0685-01	05/11/10 21:41
1,1,2-Trichloroethane	ND	57.8		ug/L	50.0	116%	74 - 138	3	21	10E1293	NTE0685-01	05/11/10 21:41
Trichloroethene	ND	59.6		ug/L	50.0	119%	74 - 139	4	11	10E1293	NTE0685-01	05/11/10 21:41
Trichlorofluoromethane	ND	58.2		ug/L	50.0	116%	53 - 149	3	33	10E1293	NTE0685-01	05/11/10 21:41
1,2,3-Trichloropropane	ND	62.1		ug/L	50.0	124%	49 - 148	5	25	10E1293	NTE0685-01	05/11/10 21:41
Vinyl acetate	ND	315		ug/L	250	126%	19 - 172	5	15	10E1293	NTE0685-01	05/11/10 21:41
Vinyl chloride	ND	54.0		ug/L	50.0	108%	53 - 137	2	32	10E1293	NTE0685-01	05/11/10 21:41
Xylenes, total	ND	169		ug/L	150	112%	68 - 158	4	18	10E1293	NTE0685-01	05/11/10 21:41
Surrogate: 1,2-Dichloroethane-d4		27.5		ug/L	25.0	110%	63 - 140			10E1293	NTE0685-01	05/11/10 21:41
Surrogate: Dibromofluoromethane		25.7		ug/L	25.0	103%	73 - 131			10E1293	NTE0685-01	05/11/10 21:41
Surrogate: Toluene-d8		23.8		ug/L	25.0	95%	80 - 120			10E1293	NTE0685-01	05/11/10 21:41
Surrogate: 4-Bromofluorobenzene		23.3		ug/L	25.0	93%	79 - 125			10E1293	NTE0685-01	05/11/10 21:41

Client Triad Engineering, Inc. (3767)  
219 Hartman Run Rd  
Morgantown, WV 26505  
Attn Julie Szymanek

Work Order: NTE0596  
Project Name: Delltech  
Project Number: [none]  
Received: 05/07/10 11:15

### CERTIFICATION SUMMARY

#### TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Maryland
SW846 6010B	Water	N/A	X	N/A
SW846 6020	Water		X	
SW846 8260B	Water	N/A	X	N/A

Client Triad Engineering, Inc. (3767)  
219 Hartman Run Rd  
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Attn Julie Szymanek

Work Order: NTE0596  
Project Name: Delltech  
Project Number: [none]  
Received: 05/07/10 11:15

---

## DATA QUALIFIERS AND DEFINITIONS

- L** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- L1** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
- M7** The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- R2** The RPD exceeded the acceptance limit.
- ND** Not detected at the reporting limit (or method detection limit if shown)

## METHOD MODIFICATION NOTES

## COOLER RECE



NTE0596

Cooler Received/Opened On 5/7/2010 @ 1115

1. Tracking # 7802 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97460373

2. Temperature of rep. sample or temp blank when opened: 5.7 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 (front)

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers: YES NO and Intact YES...NO NA

Were these signed and dated correctly? YES...NO NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES NO...NA

12. Did all container labels and tags agree with custody papers? YES NO...NA

13a. Were VOA vials received? YES NO...NA

b. Was there any observable headspace present in any VOA vial? YES NO NA

14. Was there a Trip Blank in this cooler? YES...NO NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES..NO...NA

16. Was residual chlorine present? YES...NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)? YES..NO...NA

18. Did you sign the custody papers in the appropriate place? YES..NO...NA

19. Were correct containers used for the analysis requested? YES..NO...NA

20. Was sufficient amount of sample sent in each container? YES..NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO # \_\_\_\_\_



TRIAD ENGINEERING, INC., P. O. Box 889, 219 Heartman Run Rd., Morgantown, WV 26505 PHONE (304) 296-2562 FAX (304) 296-8739

CHAIN OF CUSTODY RECORD

NTE0596

05/21/10 23:59

RESULTS TO: Julie Szymonek

PHONE: FAX:

PROJECT: Deltech SITE: 01-10-0084

PROGRAM: PROJECT #:

Laboratory Delivery Group

PAGE 1 of 1

PRESERVATION: see key

1 2

TURNAROUND TIME:  STD  24hr  48hr  72hr  1 wk

SAMPLE TYPE  
C= COMP  
G= GRAB

ANALYSIS / METHOD

# CONTAINERS

VOCs\*  
Dissolved Metals\*

REMARKS

MTG 0596-01

\* See attached list

LAB NO. SAMPLE IDENTIFICATION DATE TIME MATRIX

MWLD.1 5-5-2010 830 GWD 6 G

MWLD.2 5-6-2010 1000 GWD 7 G

\* Appendice KWOGs  
of 7 metals

Collected / Relinquished By: (1)

Date Time

Received By:

Julie Szymonek 5-6-2010 430

Received By: Julie Sz 5-7-10 @ 11:5

Special Instructions:

EDD  Report to MDL  Report QC Data  CLP-like Data Deliverable

PRESERVATION KEY: 0 - Ice Only 1 - HCl 2 - HNO3 3 - H2SO4 4 - Na2S2O3 5 - MeOH 6 - NaOH

Pink = Sampler Copy Yellow = Lab Copy White = Return with Results

## APPENDIX IX VOC's

<b>Parameter</b>	<b>CAS No.</b>	<b>PQL (ug/L)</b>
Acrolein	107-02-8	0.5
Acetone	67-64-1	5.0
Acetonitrile	75-05-8	20
Acrylonitrile	107-13-1	0.5
Allyl chloride	107-05-1	0.5
Benzene	71-43-2	0.5
Bromodichloromethane	75-27-4	0.5
Bromoform	75-25-2	0.5
Bromomethane	74-83-9	0.5
2-Butanone (MEK)	78-93-3	5.0
Carbon disulfide	75-15-0	0.5
Carbon tetrachloride	56-23-5	0.5
Chlorobenzene	108-90-7	0.5
Chloroethane	75-00-3	0.5
Chloroform	67-66-3	0.5
Chloroprene	126-99-8	20
Chloromethane	74-87-3	0.5
Dibromochloromethane	124-48-1	0.5
1,2-Dibromo-3-chloropropane	96-12-8	0.5
1,2-Dibromoethane	106-93-4	0.5
trans-1,4-Dichloro-2-butene	110-57-6	0.5
Dichlorodifluoromethane	75-71-8	0.5
1,1-Dichloroethane	75-34-3	0.5
1,2-Dichloroethane	107-06-2	0.5
1,1-Dichloroethene	75-35-4	0.5
trans-1,2-Dichloroethene	156-60-5	0.5
1,2-Dichloropropane	78-87-5	0.5
cis-1,3-Dichloropropene	10061-01-5	0.5

## APPENDIX IX VOC's

Parameter	CAS No.	PQL (ug/L)
trans-1,3-Dichloropropene	10061-02-6	0.5
1,4-Dioxane	123-91-1	20
Ethylbenzene	100-41-4	0.5
Ethyl methacrylate	97-63-2	20
2-Hexanone	591-78-6	5.0
Isobutyl alcohol	78-83-1	20
Methacrylonitrile	126-98-7	0.5
4-Methyl-2-pentanone (MIBK)	108-10-1	5.0
Methylene bromide	74-95-3	0.5
Methylene chloride	75-09-2	0.5
Methyl iodide	74-88-4	0.5
Methyl methacrylate	80-62-6	20
Pentachloroethane	76-01-7	0.5
Propionitrile	107-12-0	20
Styrene	100-42-5	0.5
1,1,1,2-Tetrachloroethane	630-20-6	0.5
1,1,2,2-Tetrachloroethane	79-34-5	0.5
Tetrachloroethene	127-18-4	0.5
Toluene	108-88-3	0.5
1,1,1-Trichloroethane	71-55-6	0.5
1,1,2-Trichloroethane	79-00-5	0.5
Trichloroethene	79-01-6	0.5
Trichlorofluoromethane	75-69-4	0.5
1,2,3-Trichloropropane	96-18-4	0.5
Vinyl acetate	108-05-4	0.5
Vinyl chloride	75-01-4	0.5
Xylenes (total)	1330-20-7	0.5

# METALS

NTE0596  
05/21/10 23:59

	Parameter	PQL (mg/L)
1	Aluminum	37
2	Arsenic	0.010
3	Iron	26
4	Lead	0.015
5	Manganese	0.88
6	Thallium	0.002
7	Vanadium	0.18